Express Mail No. EV 348163933 US

5

Patent OI7034312001

ABSTRACT

[0040] A method and mechanism of accessing segments in data storage systems is disclosed. In one embodiment, extents in a segment are coalesced into groups based on the data storage device each extent is stored on. Rather than submit an I/O operation for each extent, a single I/O operation is submitted for each group of extents.